

10/529 523

Rec'd PCT/PTO 28 MAR 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 April 2004 (15.04.2004)

PCT

(10) International Publication Number
WO 2004/031774 A3

(51) International Patent Classification⁷: G01N 33/574,
C07K 16/30, C12Q 1/68, A61K 39/00, C07K 14/47,
A61P 35/04

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK,
LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,
MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG,
US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/JP2003/010338

(22) International Filing Date: 14 August 2003 (14.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/414,709 30 September 2002 (30.09.2002) US

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii)) for all designations
- as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii)) for all designations

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(71) Applicants (*for all designated States except US*): ON-
COTHERAPY SCIENCE, INC. [JP/JP]; 3-16-13,
Shirokanedai, Minato-ku, Tokyo 108-0071 (JP). JAPAN
AS REPRESENTED BY THE PRESIDENT OF
THE UNIVERSITY OF TOKYO [JP/JP]; 3-1, Hongo
7-chome, Bunkyo-ku, Tokyo 113-8654 (JP).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): NAKAMURA,
Yusuke [JP/JP]; 17-33, Azamino 1-chome, Aoba-ku,
Yokohama-shi, Kanagawa 225-0011 (JP). FURUKAWA,
Yolchi [JP/JP]; 10-40, Miyazaki 3-chome, Miyamae-ku,
Kawasaki-shi, Kanagawa 216-0033 (JP).

(74) Agents: SHIMIZU, Hatsushi et al.; Kantetsu Tsukuba
Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-
0847 (JP).

(88) Date of publication of the international search report:
14 October 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR TREATING OR PREVENTING METASTASIS OF COLORECTAL CANCERS

(57) **Abstract:** Disclosed are methods of detecting metastasis of colorectal cancer using differentially expressed genes. Also disclosed are methods of identifying agents for treating colorectal cancer or preventing metastasis of colorectal cancer.

WO 2004/031774 A3